

In the Claims

What is claimed is:

1. (Cancelled)

2. (Cancelled)

3. (Currently amended) ~~A two zone auto-focusing system for digital still cameras as claimed in claim 1, wherein~~ A two zone auto-focusing system for digital still cameras, which can switch the lens focusing point between two positions namely far focusing position and near focusing position comprising:

an assembly base on which said two zone auto-focusing system is assembled, a solenoid which has a solenoid head and switches the focusing point of the lens between two points namely far position and near position, a picture taking lens which is assembled in a lens barrel as a lens assembly, an axle bearing part provided on one side of said lens barrel having an axle hole, a guide rail which is fixed on said assembly base and inserted into said hole of axle bearing part, a coil spring placed over said guide rail to push said lens barrel assembly toward an image sensor and hold said lens barrel assembly at the home position namely far position, a coupling arm provided on said lens assembly, said coupling arm is connected with said solenoid head so that the lens assembly is moved by the movement of the solenoid head when said solenoid is excited a stabilizing fork provided on said lens barrel, and a stabilizing pin fixed on the assembling base and placed between the ends of said fork.

4. (Currently amended) ~~A two zone auto-focusing system for digital still cameras as claimed in claim 1,~~ A two zone auto-focusing system for digital still cameras, which can switch the lens focusing point between two positions namely far focusing position and near focusing position comprising:

an assembly base on which said two zone auto-focusing system is assembled, a solenoid which has a solenoid head and switches the focusing point of the lens between two points namely far position and near position, a picture taking lens which is

assembled in a lens barrel as a lens assembly, an axle bearing part provided on one side of said lens barrel having an axle hole, a guide rail which is fixed on said assembly base and inserted into said hole of axle bearing part, a coil spring placed over said guide rail to push said lens barrel assembly toward an image sensor and hold said lens barrel assembly at the home position namely far position, a coupling arm provided on said lens assembly, a stabilizing fork provided on said lens barrel, and a stabilizing pin fixed on the assembling base and placed between the ends of said fork, wherein said lens assembly is driven and moved away from the image sensor to place said lens assembly at the near position by the movement of said coupling arm through said head of **said** solenoid when said solenoid is excited receiving a signal from ~~[[the]]~~ a CPU or electronically controlled distance measuring system of the digital still camera.

5. (Cancelled)

6. (Cancelled)

7. (Currently amended) ~~A two zone auto-focusing system for digital still cameras as claimed in claim 5,~~A two zone auto-focusing system for digital still cameras, which can switch the lens focusing point between two positions namely far focusing position and near focusing position comprising:

an assembly base on which said two zone auto-focusing system is assembled, a solenoid which has a solenoid head and switches the focusing point of the lens between two points namely far position and near position, a picture taking lens which is assembled in a lens barrel as a lens assembly, an axle bearing part provided on one side of said lens barrel having an axle hole, a guide rail which is fixed on said assembly base and inserted into said hole of axle bearing part, a coil spring placed over said guide rail to push said lens barrel assembly away from sensor an image sensor and hold said lens barrel assembly at the home position namely near position, a coupling arm provided on said lens assembly, a stabilizing fork provided on said lens barrel, and a stabilizing pin fixed on the assembling base and placed between the ends of said fork, wherein said coupling arm is connected with said solenoid head so that the lens

assembly is moved by the movement of the solenoid head when said solenoid is excited.

8. (Currently amended) ~~A two zone auto-focusing system for digital still cameras as claimed in claim 5,~~ A two zone auto-focusing system for digital still cameras, which can switch the lens focusing point between two positions namely far focusing position and near focusing position comprising:
an assembly base on which said two zone auto-focusing system is assembled, a solenoid which has a solenoid head and switches the focusing point of the lens between two points namely far position and near position, a picture taking lens which is assembled in a lens barrel as a lens assembly, an axle bearing part provided on one side of said lens barrel having an axle hole, a guide rail which is fixed on said assembly base and inserted into said hole of axle bearing part, a coil spring placed over said guide rail to push said lens barrel assembly away from sensor an image sensor and hold said lens barrel assembly at the home position namely near position, a coupling arm provided on said lens assembly, a stabilizing fork provided on said lens barrel, and a stabilizing pin fixed on the assembling base and placed between the ends of said fork, wherein said lens assembly is driven and moved toward the image sensor to place said lens assembly at the far position by the movement of said coupling arm through said head of said solenoid when said solenoid is excited receiving a signal from ~~[[the]]~~ a CPU or electronically controlled distance measuring system of the digital still camera.